

## Message Text

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ORIGIN EUR-12

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DRAFTED BY EUR/WE:HGMOEN:JKB

APPROVED BY EUR/WE-EMROWELL

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R 270130Z JUL 76

FM SECSTATE WASHDC

TO SECDEF

JCS

USCINCEUR

SETAF VICENZA

UNCLAS STATE 183388

FOLLOWING REPEAT STATE 183388 ACTION AMEMBASSY ROME

AMCONSUL MILAN O 232210Z JUL 76

QUOTE UNCLAS STATE 183388

E.O. 11652:NA

TAGS: SENV, IT, US

SUBJECT: EXPLOSION OF LETHAL GAS IN LOMBARDY

REFS: (A) STATE 182710; (B) ROME 11893

1. BASED ON A REVIEW OF INFORMATION ON TCDD THERE ARE NO KNOWN MITIGATING ACTIONS TO NEUTRALIZE EFFECTS OF PLUME WHILE AIRBORNE.

2. IN DEVELOPING RECOMMENDATIONS ON THIS INCIDENT THE FOLLOWING ASSUMPTIONS HAVE BEEN MADE:

A. IMMEDIATE AREA HAS BEEN EVACUATED.

B. PLUME IS INTACT AND ANY MOVEMENT IS DEPENDENT ON LOCAL UNCLASSIFIED

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WIND CONDITIONS.

C. GENERAL AREA OF CONTAMINATION HAS BEEN ESTIMATED.

D. WATER SUPPLY SYSTEMS COULD BE AFFECTED.

3. THE FOLLOWING EVACUATION STEPS ARE RECOMMENDED:

A. INITIALLY EVACUATE PEOPLE AND ANIMALS FROM THE ESTIMATED PERIMETER OF THE AFFECTED AREA 2,000 METERS DOWNWIND, 1,000 METERS TO THE SIDES, AND 1,000 METERS UPWIND.

B. ESTABLISH NETWORK TO ALERT POPULATION FOR FURTHER EVACUATION.

C. DEVELOP PLAN OF EXECUTION FOR EVACUATION.

4. THE FOLLOWING SURVEILLANCE AND MONITORING ACTIONS ARE RECOMMENDED:

A. IDENTIFY PRIMARY CONSTITUENTS IN PLUME AND DETERMINE THEIR PHYSICAL AND CHEMICAL CHARACTERISTICS.

B. SET UP METEOROLOGICAL STATIONS AND PREDICT PLUME MOVEMENTS.

C. USE PREDICTION INFORMATION TO IMPLEMENT APPROPRIATE EVACUATION MEASURES.

D. DETERMINE CONCENTRATIONS AND AFFECTED ZONE OF AIR CONTAMINATION AND CONTINUE MONITORING UNTIL PLUME IS DISPERSED TO TCDD LEVEL OF 2 TIMES  $10^{-12}$  GRAMS PER CUBIC METER.

E. DETERMINE CONCENTRATION AND AFFECTED ZONE OF SOIL CONTAMINATION. 50 MICROGRAMS PER ACRE ACCEPTED LEVEL. MAXIMUM SAFE LEVEL UNKNOWN.

F. EVALUATE POSSIBLE IMPACT ON SURFACE WATER AND DRINKING WATER SUPPLY.  $8 \times 10^{-11}$  GRAMS PER LITER  
UNCLASSIFIED

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SAFE LEVEL.

5. THE FOLLOWING MITIGATION AND DECONTAMINATION ACTIONS ARE RECOMMENDED:

A. RESTRICT ACCESS TO AFFECTED AREAS UNTIL EXTENT OF CONTAMINATION OF SOIL, WATER AND CROPS ARE DETERMINED AND HAZARDS ARE EVALUATED.

B. COMMENCE DECONTAMINATION OF HIGHLY CONTAMINATED AREAS USING WASH DOWN WITH TRISODIUM PHOSPHATE OR SURFACTANTS. CAPTURE WASH WATER AND RETAIN PENDING ULTIMATE DISPOSAL RECOMMENDATIONS.

6. FURTHER GUIDANCE CAN BE SUPPLIED ON DECONTAMINATING  
AFFECTED AREAS, ULTIMATE DISPOSAL OF WASH WATER AND OTHER

HIGHLY CONTAMINATED RESIDUE, AND SAFE TOLERANCE LEVELS  
FOR SOIL AFTER RECEIPT OF ADDITIONAL INFORMATION RE-  
GARDING ON-SITE CONDITIONS AND CONTAMINATION LEVELS. ROBINSON  
UNQUOTE KISSINGER

UNCLASSIFIED

<< END OF DOCUMENT >>

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**TAGS:** SENV, IT, US  
**To:** SECDEF  
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